



Ali Mansoor Pasha @AliPasha122

Feb 16, 2025 · 1 tweets · [AliPasha122/status/1891125434089099317](#)

Research Article-Title:

"Innovative Strategies to Combat Inflation and the High Cost of Living"

Author:

Ali Mansoor Pasha (BSEE and MSEE from University of Engineering and Technology, Lahore, Pakistan)

Email id: pashaalimansoor@gmail.com

Dated: February 16, 2025

Abstract:

Inflation poses persistent challenges to global economies, necessitating novel approaches beyond traditional monetary policies. This research proposes innovative strategies including Dynamic Digital Currency Adjustment (DDCA), Decentralized Autonomous Supply Chains (DASCs), Inflation-Indexed Universal Basic Income (IIUBI), AI-Driven Price Monitoring Systems, and Community-Based Local Currency Systems. These methods leverage advanced technologies such as blockchain, AI, and IoT to enhance economic stability and mitigate the high cost of living.

1. Introduction:

Inflation, characterized by rising prices and declining purchasing power, demands innovative solutions. Traditional methods have limitations, prompting exploration of new strategies to ensure economic resilience.

2. Dynamic Digital Currency Adjustment (DDCA)

Leverages blockchain technology to create a national digital currency with programmable features.

Implementation:

* Central banks issue a digital currency with algorithmic value adjustments based on economic indicators.

* Smart contracts automatically adjust prices of essential goods in the digital currency.

Benefits:

- * Immediate response to economic changes.
- * Enhanced transparency and trust through blockchain.

Figure 1 (Attached):

Visual Representation:

Dynamic Digital Currency Adjustment Diagram

3. Decentralized Autonomous Supply Chains (DASCs)

Blockchain-based platforms for autonomous supply chain management.

Implementation:

- * Automate procurement and distribution through smart contracts.
- * Real-time data from IoT devices ensures dynamic adaptability.

Benefits:

- * Reduces costs and human errors.
- * Enhances supply chain resilience.

Figure 2 (Attached):

Visual Representation:

Decentralized Autonomous Supply Chains Diagram

4. Inflation-Indexed Universal Basic Income (IIUBI)

Universal Basic Income (UBI) adjusted in real-time based on inflation metrics.

Implementation:

- * UBI payments linked to a national inflation index.
- * Digital wallets and blockchain ensure efficient distribution.

Benefits:

- * Protects purchasing power.
- * Sustains consumer spending and economic growth.

Figure 3 (Attached):

Visual Representation:

Inflation-Indexed Universal Basic Income Diagram

5. AI-Driven Price Monitoring and Regulation Systems

AI models to monitor prices and detect anomalies.

Implementation:

- * Machine learning analyzes pricing data to identify unfair practices.
- * Automated alerts to regulatory bodies for intervention.

Benefits:

- * Shields consumers from exploitative pricing.
- * Promotes market fairness.

Figure 4 (Attached):

Visual Representation:

AI-Driven Price Monitoring System Diagram

6. Community-Based Local Currency Systems

Local currencies managed by cooperatives for economic resilience.

Implementation:

- * Issuance of local currencies accepted by local businesses.
- * Exchange mechanisms adjusted to local economic conditions.

Benefits:

- * Supports local businesses and retains wealth locally.
- * Buffers local economies from national inflation.

Figure 5 (Attached):

Visual Representation:

7. Conclusion

Innovative solutions leveraging blockchain, AI, and community-based systems are essential to combat inflation and reduce living costs. Further research and pilot programs are recommended.

References

- [1]. Nakamoto, S. (2008). Bitcoin: A Peer-to-Peer Electronic Cash System.
- [2]. Tapscott, D., & Tapscott, A. (2016). Blockchain Revolution.
- [3]. Brynjolfsson, E., & McAfee, A. (2014). The Second Machine Age.
- [4]. Varian, H. R. (2019). Artificial Intelligence, Economics, and Industrial Organization.
- [5]. Lietaer, B. (2001). The Future of Money: Creating New Wealth, Work, and a Wiser World.

#Research #Inflation @elonmusk @realDonaldTrump

Dynamic Digital Currency Adjustment (DDCA)

Blockchain Bank
Control ger

A Algomotic adjustents
adjustents fail-time
basess rails banks

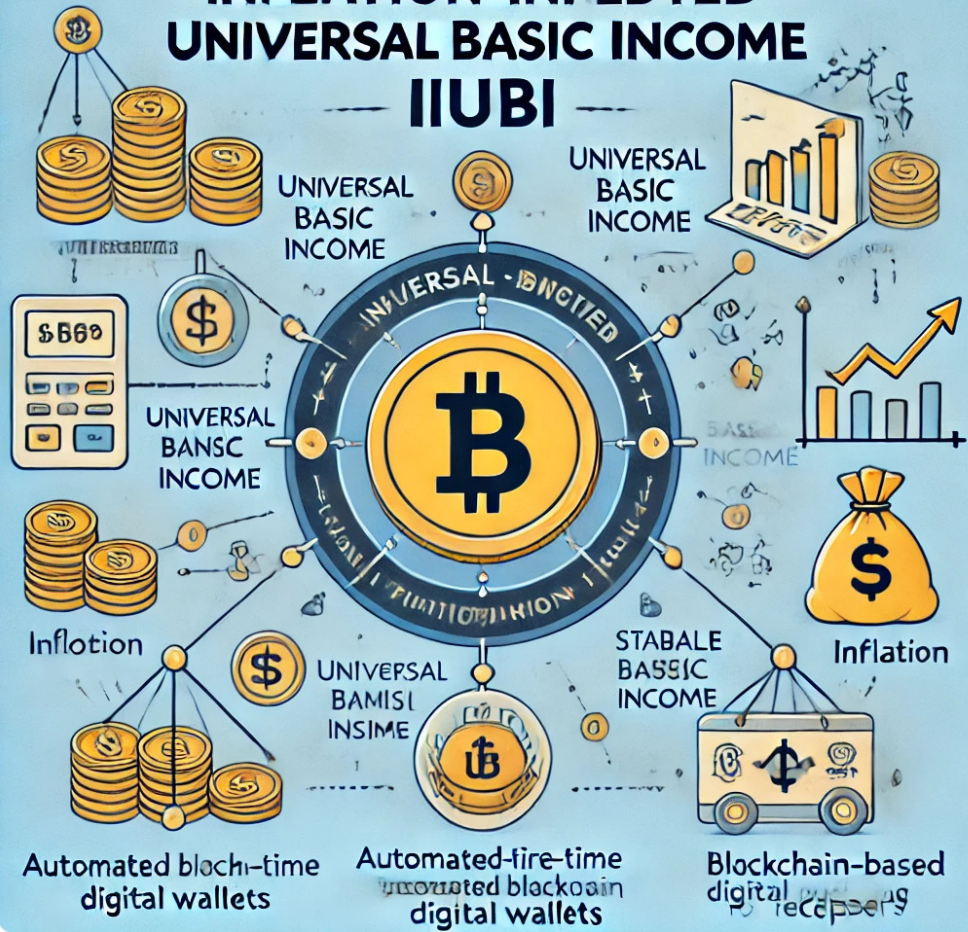
Central bank
in fail-times



Smart contracts
automatly stabilizing
stabilizes essential goods



INFLATION-INFECTED UNIVERSAL BASIC INCOME IIUBI





...